

Electronic Acknowledgement Receipt

EFS ID:	6813659
Application Number:	10043440
International Application Number:	
Confirmation Number:	1336
Title of Invention:	METHOD AND SYSTEM FOR MODELING CELLULAR METABOLISM
First Named Inventor/Applicant Name:	Costas D. Maranas
Customer Number:	27407
Filer:	John Darrell Goodhue/Betty Haverkamp
Filer Authorized By:	John Darrell Goodhue
Attorney Docket Number:	P05468US1
Receipt Date:	14-JAN-2010
Filing Date:	10-JAN-2002
Time Stamp:	17:19:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	Korotkova_Poly-beta-hydroxybutyrate_J-Bacteriol_2002.pdf	2251445 <small>674c4c455902ca1668c10029c181197b4c7769d</small>	no	8

Warnings:

Information:

2	NPL Documents	Krieger_MetaCyc_Nucl-Acids-Res_2004.pdf	1084897 81e5c19867c54083aa08e157528931161912d832	no	5
Warnings:					
Information:					
3	NPL Documents	Lutz_Creating_multiple-crossover_ProcNatlAcadSci2001.pdf	1850113 696ac95417b6b6c41c6445c0f3166cb067e0895	no	6
Warnings:					
Information:					
4	NPL Documents	Majewski_Simple-constrained-optimization_Biotechnol-Bioeng_1990.pdf	514040 6b6cf54e1888282177A813ee186cf88f36c5e16e	no	7
Warnings:					
Information:					
5	NPL Documents	McShan_PathMiner_Bioinformatics_2003.pdf	1785913 c0e1e7fa77ebbd2cf81b6b6cf3d5bb1acbfab4	no	7
Warnings:					
Information:					
6	NPL Documents	Menendez_Presence_Acetyl_JBacteriol1999.pdf	2892562 b6b88cd753d754e50f8e9c949377d616c6e0	no	11
Warnings:					
Information:					
7	NPL Documents	Methe_Genome-of-Geobacter_Science_2003.pdf	1674517 36cf18566c11d8b5f8ba957986c2ba511aedd6b	no	3
Warnings:					
Information:					
8	NPL Documents	Misawa_Production-beta-carotene_Appl-Environ-Microbiol_1991.pdf	858448 77c3db6d1923d6c5c6d8d10015331aff0cc6088604	no	3
Warnings:					
Information:					
9	NPL Documents	Moore_Predicting_crossover_ProcNatlAcadSci2001.pdf	2940576 5c1eb9813dc3ad4798081b0efacfa19cad8b6b	no	6
Warnings:					
Information:					
10	NPL Documents	MooreAndMaranas_Modeling_DNA_JTheorBiol2000.pdf	3712548 b6b88cd862x2298b47528c47d451f941b5483	no	21
Warnings:					
Information:					

11	NPL Documents	Mushegian_A-minimal-gene-set_Proc-Natl-Acad-Sci_1996.pdf	2576878 3edda36c58b248e0b9eaf0208c3a16f5b7d81	no	6
Warnings:					
Information:					
12	NPL Documents	Nakamura_Metabolic-engineering_CurrOpinBiotechnol_2003.pdf	1666231 6f913a85681a3a113839d23e6c316f3c0f16368	no	6
Warnings:					
Information:					
13	NPL Documents	OhAndLiao_Gene_Expression_BiotechProg2000.pdf	4632418 8f8a497b1715403ab48a70c46d6d1711c028b	no	9
Warnings:					
Information:					
14	NPL Documents	Overbeek_WIT_NucleicAcidsReviews_2000.pdf	646525 68b7eeeb57025afe1670a60b1c08225195e0e7bb6	no	3
Warnings:					
Information:					
15	NPL Documents	Palsson_Challenges_NatBiotechnol2000.pdf	1014750 28c28208042798c58198b26d1cd37017543d7	no	4
Warnings:					
Information:					
16	NPL Documents	Papin-Metabolic-pathways-in-the-post-genome-era.pdf	3077466 1073e1b35c2b5034333b511ee5547849938c5abb	no	9
Warnings:					
Information:					
17	NPL Documents	PapoutsakisEquations-and-calculations-for-fermentations.pdf	3921079 759badf13d493bd55fbc31ad00210f6367c0501	no	14
Warnings:					
Information:					
18	NPL Documents	Pennisi_Laboratory-Workhorse-Decoded_Science_1997.pdf	486567 4e8a9d166e6e8590b567dce473acfa099f8b76	no	3
Warnings:					
Information:					
19	NPL Documents	Pharkya_Exploring_Overproduction_BiotechnolBioeng2003.pdf	3987127 d7c7eb4c54f0231a0d1928b25251975a6d8705	no	13
Warnings:					
Information:					

20	NPL Documents	Price_Genome-scale-Microbial_Trends-Biotechnol_2003.pdf	2450904 88999a21481de6a80302f8bcb195b4b29749	no	8
Warnings:					
Information:					
21	NPL Documents	Quackenbush_The_TIGR_Gene_NucleicAcidsRes2001.pdf	1336817 f9c0b57a83b6ca64870ca9df793893ca21a8a8	no	6
Warnings:					
Information:					
22	NPL Documents	Ramakrishna_Cybernetic-modeling-growth_Biotechnol-Bioeng_1996.pdf	2801952 4405d4b270b4f9a0f8f030b5c134c507318e5de	no	11
Warnings:					
Information:					
23	NPL Documents	Ramakrishna_Flux-balance-analysis_Am-J-Physiol-Regul_2001.pdf	2395061 82001d21c0ff3c8472796c5264bec13645824e	no	10
Warnings:					
Information:					
24	NPL Documents	Reed_An-Expanded-Genome-scale_GenomeBiol2003.pdf	2490891 7904dc9751124b9788281a697d558b61540701	no	12
Warnings:					
Information:					
25	NPL Documents	Richmond_Genome-wide-expression_Nucl-Acids-Res_1999.pdf	3495292 1a79db8b45c51bb55400063c96ec0cc0b6e3c	no	15
Warnings:					
Information:					
26	NPL Documents	SantaLucia_Unified_View_ProcNatlAcadSci1998.pdf	1804826 734695409c788a8120a7076c08d79b74522ce49	no	6
Warnings:					
Information:					
27	NPL Documents	Savageau_Biochemical_Systems_1969.pdf	1785565 b09a79d4d1381d4bde17244aab54214209c90	no	10
Warnings:					
Information:					
28	NPL Documents	Schilling_Assessment_of-metabolic-cap_JTheorBiol_2000.pdf	2004510 c25e17527d3e9b079382c9e59b37838f0a6e32	no	35
Warnings:					
Information:					

29	NPL Documents	Schilling_Combining-pathway-analysis_BiotechnolBioeng_2000-2001.pdf	1875192 d7c608000e5200a59a0498f8fcedfde1e7e00d	no	21
Warnings:					
Information:					
30	NPL Documents	Schilling_GenomeScale_JBacteriol_2002.pdf	3102568 32a1963120227a5f1134a0671d1592344d4a30	no	12
Warnings:					
Information:					
31	NPL Documents	Schilling_Toward-metabolic-phenomics_BiotechnolProg_1999.pdf	805678 718f16c4b2b1b10b2a0e5c9f82ca970b575ec	no	8
Warnings:					
Information:					
32	NPL Documents	Segre_Analysis_Optimality_ProcNatAcadSci2002.pdf	1766427 f94635590726c1f0bdc8b39db1dc98c5e2e28	no	6
Warnings:					
Information:					
33	NPL Documents	Segre_From-annotated-genomes_OMICS_2003.pdf	3578689 68c3c98d7418255ade12c6280e13d2d449d73	no	16
Warnings:					
Information:					
34	NPL Documents	Selkov_MPW_NucleicAcidsRes_1998.pdf	744683 d1900083c0b370253a56b1c2b4ca08b2cfcd0a4	no	3
Warnings:					
Information:					
35	NPL Documents	StolsAndDonnelly_Production_succinic_ApplEnvironMicrobiol_1997.pdf	1823696 0989034773d5dcad11c95c14944270f62366b2c	no	7
Warnings:					
Information:					
36	NPL Documents	SuppEPSearchRpt_EP03792962.pdf	897538 911600e938f1ecc12e0970bba01e0598f9ac96a	no	4
Warnings:					
Information:					
37	NPL Documents	SuppEPSearchRpt_EP04782168.pdf	258493 08d1ab6d9c97a0d0f0ac95659051101b10c2395e	no	1
Warnings:					
Information:					

38	NPL Documents	Tomita_E_CELL_Software_Bioinformatics1999.pdf	2633120 <small>26de377a86e19407be07f0570f710c01e7486e</small>	no	13
Warnings:					
Information:					
Total Files Size (in bytes):			79626002		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					